

EXPANDABLE FLAT WINDING FOR
ROTATING ELECTRIC MACHINE FIELDS

ABSTRACT OF THE DISCLOSURE

A winding module for a rotating electric machine includes at least one flat winding carried on the rotor body and angled at an end turn. A vertex of the angled end turn is aligned with the rotor axis of rotation. The so-shaped flat winding of the winding module provides a preloaded axial offset that allows end arms of the winding to lengthen and shorten with changes in a rotor speed, without suffering elongation.

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